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DEPARTMENT OF AGRICULTURE
DIVISION OF
SEEDS
BOTANICAL
SEED LABORATORY

BECKERT'S AUTUMN LIST OF BULBS 1899

W. C. BECKERT
··Seedsman··
19 Federal St. ALLEGHENY · PA.

BECKERT'S EVERGREEN LAWN MIXTURE.

When the very best results are desired, this mixture should be used, it being the finest lawn preparation that can be made. We have made many experiments to determine the grasses best adapted for lawn purposes, and this mixture is composed of such grasses and in such proportion as we have found will make a first-class lawn The essential points in a lawn are permanence, with a fine appearance, which can only be produced by a combination of grasses that grow and flourish during the different months of the year, from an early spring growth, continued through the summer, until late in the fall. The ingredients of this lawn seed are the highest grades of recleaned grasses. Practically free from weed seeds, and tested as to vitality before sold. Use one quart to 300 square feet, 4 to 5 bushels to the acre Price per measured bushel $4.50, per peck $1.15, per quart 20 cts., by mail 30 cts.

FERTILIZERS FOR LAWNS.

Odorless Lawn Fertilizer. A clean, high-grade fertilizer, free from disagreeable odor, and especially prepared for us. 10 lbs. 40 cts., 25 lbs. 90 cts., 100 lbs. $2.50, ton $40.

Fine Bone Meal. Ground fine, so that it decomposes rapidly in the soil. 10 lbs. 40 cts., 100 lbs , $2.25, 200-lb. bag $4.

Sheep Manure. Excellent for lawns, and also as a rapid-acting stimulant for plants in the conservatory. Lb. 5 cts., 10 lbs. 40 cts., 25 lbs. 75 cts., 100 lbs. $2.50.

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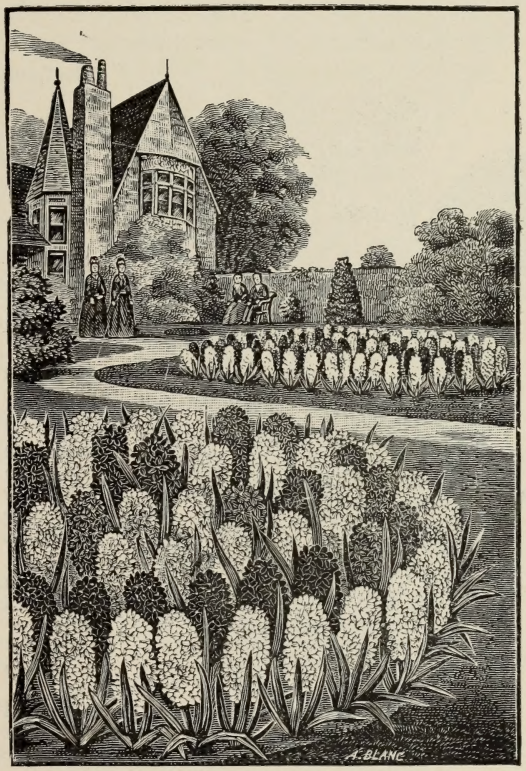
USE JADOO FIBRE FOR BULBS IN POT-CULTURE.

Hyacinths.

THEIR CULTURE.

FOR OUTDOORS.—Hyacinths are mostly set out in open ground from the middle to the end of October, but they can be planted as late as the ground remains unfrozen, and still give about as good results. They are planted in borders or solid beds in one or more colors, or in beds composed of combinations of colors, which can be arranged to represent many artistic designs.

Any ordinarily good and friable soil will answer, but good drainage is necessary. Plant the bulbs 6 inches apart and to a depth of 3 inches from the tip of the bulb. In preparing beds, they should be elevated at the center, so that they will shed water. When cold weather sets in, protect with 4 or 5 inches of leaves or loose litter. Remove this in spring, when danger of severe weather is over.



Beds of Hyacinths.

FOR POTS OR BOXES.—Use loose soil, that will not pack or bake, and do not omit drainage. Plant the bulb so that about two-thirds of it is below the surface. Water, and place in a cool, dark place. Let them remain there until the roots are well established, then gradually bring to the full light. Both in pot and glass culture, if kept as cool as possible when in bloom, the flower will last much longer.

FOR GLASSES.—Only very select bulbs should be used for this purpose. The bulb should just touch the water, when the roots will start within a few days. Place in a cool, dark place until the roots reach nearly to the bottom of the glass, then bring to the light. Replenish the water as it evaporates, and change it if it becomes discolored or impure.

HYACINTHS, IN NAMED VARIETIES.

Owing to the fact of the past spring being very unfavorable for the growth of the Hyacinth in Holland, the bulbs will be smaller in size than usual; but the bud-development being good, flowers equal in size to those of other years can be expected from them. The crop, also, having been a partial failure, prices will be higher than during the past year.

First Size Fancy Picked Bulbs, in the following varieties, 12 cts. each, $1.25 per doz., $9.50 per 100. If by mail, add 24 cts. per doz. for postage.

SINGLE VARIETIES.

Single Hyacinths are preferable, and are most generally grown.

Single Hyacinths.

RED SHADES.

Baron van Thuyll. Fine pink; large spike; early, and forces easily.

Charles Dickens. Beautiful, delicate pink; finely formed large spike.

Fabiola. Salmon-pink; large spike.

General Pelissier. Brilliant carmine; compact spike; very early.

Gertrude. Rosy pink; compact spike; fine forcer.

Gigantea. Fine blush pink; large, compact spike.

Lord Macaulay. Deep carmine-pink, with white eye; large spike.

Morena. Fine pink; compact truss; large bells.

Norma. Fine pink; large bells; very early.

Robert Steiger. Very deep crimson.

Roi des Belges. Fine, deep red; good truss.

Rosa maxima. Delicate pink; fine spike.

WHITE SHADES.

Alba superbissima. Pure white; large spike.

Baron van Thuyll. Pure white; large, compact spike; very early.

Blanchard. Pure white; large spike.

Grandeur à Merveille. Finest blush white; very large spike.

Grande Vedette. Pure white; large bells.

Innocence. Pure white; extra large truss.

La Belle Blanchisseuse. Pure white; fine large spike.

La Franchise. Waxy white; large bells.

La Grandesse. Extra fine, pure white; very large spike and fine bells.

Mina. Pure white; fine spike.

Paix de l'Europe. Very fine; snow white; large spike and bells.

Pavillon Blanc. Pure white; large bells.

BLUE SHADES.

Bleu Mourant. Dark blue; compact spike.

Charles Dickens. Dark porcelain-blue, tinged lilac; very large spike.

Czar Peter. Finest porcelain-blue; large spike; forces well.

Grand Lilas. Porcelain-blue; fine truss and bells.

Grand Maitre. Deep porcelain-blue; large spike.

Grand Vainqueur. Pale blue; large truss.

King of the Blues. Deep, glossy blue; large, compact spike.

La Peyrouse. Fine porcelain-blue.

Leonidas. Clear blue; fine spike.

Marie. Dark blue, with porcelain shade; fine spike.

Pieneman. Dark porcelain-blue; large spike and bells.

Regulus. Clear blue; large spike; good forcer.

Double Hyacinths.

YELLOM SHADES.

General Gordon. Pure yellow; semi-double.

Ida. Fine, rich yellow; large spike.

La Citroniere. Bright citron-yellow; fine spike.

DOUBLE HYACINTHS.

RED SHADES.

Bouquet Royale. Salmon-pink, red center; large spike.

Bouquet Tendre. Carmine-red.

Prince of Orange. Fine pink; large spike.

WHITE SHADES.

Bouquet Royale. Pure white; large spike.

La Tour d'Auvergne. Very early; pure white.

La Virginite. Blush white; large spike.

BLUE SHADES.

Blocksberg. Fine light blue; large spike.

Charles Dickens. Dark porcelain-blue; extra large spike and bells; fine variety.

Prince of Saxe Weimar. Dark blue; semi double.

YELLOW SHADES.

Goethe. Citron-yellow; large spike.

Willliam III. Apricot, red center; handsome.

Culture of Bulbs and Tuberous-rooted Plants, complete, postpaid, $2.

UNNAMED HYACINTHS

Used mostly for bedding out; the single varieties can also be used for indoor culture. 6 cts. each, 65 cts. per doz., by mail, 75 cts.; $5 per 100, $48 per 1,000.

SINGLE—Red, Pink, Pure White, Blush White, Dark Blue, Light Blue, Yellow.

DOUBLE—Red and Rose, White and Blush, Light and Dark Blue, Yellow.

MINIATURE HYACINTHS, or DUTCH ROMANS.

Add 10 cents per dozen to the dozen price of all Roman Hyacinths, if to be sent by mail.

The bulbs of these are about the size of French Romans; the spikes are larger than those of the latter sort, and are more lasting and substantial. They, however, come in bloom later, and if planted at the same time as the French variety, they will come in about the time when the others are done blooming. Colors, **Single Pure White, Pink,** and **Light Blue.** 4 cts. each, 40 cts. per doz, $2 80 per 100.

EARLY FRENCH ROMAN HYACINTHS.

These are very early, and are used entirely for forcing. The culture is the same as for Hyacinths in pots or boxes, only on account of their smaller size they can be planted closer. They flower very readily and easily, and can be brought into flower in December, and by making successive plantings they can be had in bloom nearly all winter.

		Each	Doz.	100	1,000
White.	Extra, select size	$0 04	$0 40	$2 80	$25 00
"	First size	03	30	2 00	18 00
Blush Pink.	Semi-double	03	30	2 00	
Dark Rose.	Semi-double	03	30	2 00	
Light Blue		03	30	2 00	

HYACINTHUS.

Pretty for outdoors, in partly shaded places. Plant like crocus, or snowdrops. They also do well when grown in pots indoors.

Blue Grape Hyacinths. 2 cts. each, 15 cts. per doz., $1.25 per 100.

White Grape Hyacinths. 3 cts. each, 25 cts. per doz., $1.50 per 100.

Musk Hyacinths. Emitting a musky odor when in bloom; small, purplish flowers. 10 cts. each, $1 per doz.

Hyacinth Glass.

Feathered Hyacinths. Flowers produced in feathery spikes. 2 cts. each, 25 cts. per doz.

HYACINTH GLASSES.

In Amber, Blue, Green and Amethyst.

Tall Glasses, 15 cts. each, $1.50 per dozen.
Low Glasses, 15 cts. each, $1.50 per dozen.
Double Glasses, 25 cts. each, $2.50 per dozen.

Tulips.

Tulips are as easily grown as hyacinths, and require the same general conditions of culture. To attain the most satisfactory results, both in outdoor and indoor culture, named sorts should be used. In bedding, if they are not all varieties that grow to one height, the taller-growing should be planted in the center. Plant 5 inches apart, and treat in other respects same as hyacinths. When grown indoors, plant 4 to 6 bulbs in a 6-inch pot. Single varieties force readily. Such varieties, in both single and double, as are best adapted for forcing, are marked with an asterisk (*). The figure preceding the name indicates the height in inches to which the plant grows.

Single Tulips.

EARLY SINGLE TULIPS.

At the prices given for single bulbs and for the dozen, they will be sent postpaid.

This variety of Tulips is well adapted for culture in pots, edgings or in beds. They bloom right after the Duc van Thol Tulips.

		Each	Doz.	100
7	**Artus.** Scarlet; large flower	$0 02	$0 20	$1 25
*9	**Belle Alliance.** Fine scarlet; sweet-scented	3	30	1 75
9	**Brutus.** Brown-red, bordered yellow	3	25	1 50
9	**Chrysolora.** Golden yellow; fine	3	30	2 00
*10	**Coleur Cardinal.** Bronze-scarlet	4	40	2 50
10	**Coleur Ponceau.** Rosy red and white	2	20	1 25
*9	**Cottage Maid.** White, bordered pink	3	30	2 00
*9	**Duchesse de Parma.** Orange, yellow edge	2	20	1 25
*10	**Keizerkroon.** Bright red, broad yellow edge	3	30	1 75
*8	**La Reine.** Pure white	3	25	1 50

EARLY SINGLE TULIPS, continued.

		Each	Doz.	100
9	**L'Immaculee.** Fine pure white	$0 02	$0 20	$1 25
*9	**Mon Tresor.** Fine; pure yellow	4	40	2 50
9	**Pottebakker Yellow**	4	40	2 50
*9	" **White.** Fine white	3	30	2 00
*9	" **Scarlet.** Bright scarlet	3	25	1 50
*12	**Proserpine.** Glossy carmine-pink	4	40	2 50
*6	**Rose Gris-de-lin.** Fine pink	4	40	2 50
*6	**Vermilion Brilliant.** Brilliant vermilion	5	50	3 00
*9	**Yellow Prince.** Fine yellow	3	30	2 00
	Single Fine Mixed $7 per 1,000		12	75
	Single Superfine Mixed $9 "		15	1 00

		Each	Doz.
10	**Bacchus.** Purplish red	$0 02	$0 20
9	**Belle Alliance.** Variegated foliage	5	50
7	**Bizard Verdict.** Carmine, gold striped	3	25
8	**Canary Bird.** Pure yellow; early	3	30
9	**Cardinal's Hat.** Dark brown-red	2	20
8	**Duc de Berlin.** Red and yellow	3	25
8	**Duc Major.** Red, bordered with yellow	3	25
7	**Fabiola.** White, violet striped	3	30
10	**Golden Eagle.** Fine yellow	2	20
*10	**Joost van Vondel.** Glossy cherry-red	2	20

7 **Lac van Ryhn.** Dark violet, white border. 2c. ea, 20c. per doz.

10 **Pottebakker Yellow.** Variegated foliage. 4c. each, 40c. per doz.

9 **Prince of Austria.** Fine orange-red; sweet-scented. 4 cts. each, 40 cts. per doz.

*9 **Princess Mary Ann.** White, tinged pink. 4c. ea., 40c. per doz

8 **Purple Crown.** Variegated foliage. 3 cts. each, 25 cts, per doz.

*9 **Rachel Ruisch.** White, shaded pink. 3 cts. each, 25 cts per doz.

8 **Rembrandt.** Large; scarlet. 4 cts. each, $40 cts. per doz.

7 **Royal Standard Gold.** Scarlet, gold striped. 4 cts. each, 40 cts. per doz.

7 **Royal Standard Silver.** Red and white striped. 3 cts. each, 25 cts. per doz.

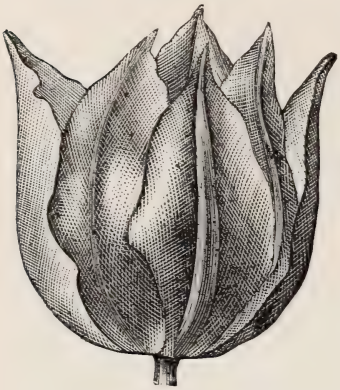
7 **Yellow Prince.** Variegated foliage. 6 cts. each, 60 cts. per doz.

Pottebakker White Tulip.

DUC VAN THOL TULIPS.

These are the earliest of all, and are very suitable for forcing. They attain a height of from 5 to 7 inches. The flowers are smaller than those of other sorts.

	Each	Doz.	100
Red and Yellow. Lovely color	$0 03	$0 30	$1 75
Gold Striped. Red, feathered yellow	2	20	1 25
Rose. First white, changing to pink	3	30	1 75
Scarlet. Bright scarlet	3	25	1 50
Yellow. Dark citron-yellow	3	35	2 25
White. Pure white	3	30	2 00
Crimson. Fine; carmine	2	20	1 25
Orange. Terra-cotta	3	30	1 75
Vermilion	2	20	1 25



Duc van Thol Tulip.

EARLY DOUBLE TULIPS.

	Each	Doz.	100
7 **Count of Leicester.** Orange and yel'ow	$0 03	$0 25	$1 60
10 **Duke of York.** Carmine, white edge	3	25	1 50
9 **Gloria Solis.** Red, bordered yellow	3	25	1 50
*9 **Imperator Rubrorum.** Fine; bright scarlet	4	40	2 50
9 **La Blazon.** White and pink	3	30	2 00
8 **La Candeur.** White	2	20	1 25
*8 **Murillo.** Fine; light pink	5	50	3 00
9 **Rex Rubrorum.** Fine scarlet	4	35	2 25
9 **Rose Blanche.** Pure white	2	20	1 25
*9 **Tournesol Yellow.** Very fine forcer	5	50	3 50
*9 " **Red and Yellow.** Very fine forcer	4	35	2 25
Double Fine Mixed $7 per 1,000		12	75
Double Superfine Mixed $9 "		15	1 00

	Each	Doz.
8 **Arabella.** Carmine pink	$0 03	$0 30
6 **Blanche Borde.** Purple, white bordered	3	30
8 **Blanche Rosetta.** Rose	4	35
10 **Crown of Gold.** Very fine; yellow	6	60
7 **Lady Grandison.** Scarlet	3	30
7 **La Matador.** Scarlet	4	35
9 **Purple Crown.** Purplish red; variegated foliage	3	25
7 **Salvator Rosa.** Deep pink	5	50
7 **Titian.** Red, bordered yellow	3	25

Tournesol Tulip.

VARIOUS TULIPS.

	Each	Doz.
Bouton d'Or. Pure yellow	$0 04	$0 35
Greigii (Queen of Tulips). Very handsome and distinct; large; brilliant orange-scarlet, with yellow and black center	10	1 00
Florentine (Sweet-scented). Violet-scented; golden yellow; fine for forcing	3	30
Oculis Solis (Sun's Eye). Beautiful and attractive; bright red, with black eye	5	50
Picotee. White and pink	4	35
Sulphur Crown. White, rose bordered	3	30
Viridiflora. Immense flowers of green and white	3	30

LATE-FLOWERING TULIPS.

	Each	Doz.	100
Parrot, or **Dragon Tulips.** Large, attractive flowers of singular form and many colors. Fine mixed	$0 03	$0 25	$1 50
Named varieties	3	30	2 00
Bizarres. Large, rich flowers; yellow ground color, striped or feathered with crimson-purple or white	3	25	1 50
Bybloems. Blotched, stiped or feathered; in many colors. Fine mixed	3	25	1 50
Darwins. These surpass in colors and brilliancy any other Tulips. Flowers very large, borne on stems 2 feet high	4	35	2 25
Gesneriana. Flowers very large, scarlet, on strong stems	3	25	1 50
Golden Crown. Large yellow flowers, slightly edged red	2	20	1 25
Mariage de ma Fille. Red and white	3	30	
Yellow Rose. Pure yellow	3	25	

Narcissus.

Narcissuses are among the most popular of bulbous plants. Excepting the Polyanthus class, they are entirely hardy, and are used extensively for the garden as well as for forcing. Their treatment does not vary materially from that for hyacinths. Outdoors they should be planted in partially shaded places, or in shrubbery. They are most effective if grown in clumps.

Narcissuses.

SINGLE NARCISSUS.

	Each	Doz.
Trumpet major. Trumpet and petals golden yellow . . . . . per 100, $2	$0 03	$0 30
Poeticus (Pheasant's Eye). Pure white, fragrant . 100, $1	2	20
Poeticus ornatus. Earlier than preceding; can be forced. per 100, $1.50	3	25
Albicans. Primrose trumpet, petals white	8	75
Barri. Petals primrose, trumpet orange-scarlet	10	1 00
Ard Righ. Large; perianth and trumpet yellow	10	1 00
Empress. White perianth, yellow trumpet	10	1 00
Grandis. White perianth, yellow trumpet	10	1 00
Horsfieldii. Large yellow trumpet, white perianth . . 100, $6	10	1 00
Bulbocodium (Hoop Petticoat). Trumpet and petals rich yellow.	8	75
Golden Spur. Deep yellow trumpet and perianth	8	75
Henry Irving. Golden yellow trumpet and perianth	10	1 00
Sir Watkin. Petals sulphur yellow, perianth orange	10	1 00
Maximus. Golden yellow perianth and trumpet	8	75
Obvallaris. Trumpet and perianth golden yellow	6	60
Princeps. Primrose perianth, yellow trumpet	5	50
Albus Stella. White perianth, pellow cup	3	25
Simplex. Sulphur yellow petals	4	40
Figaro. Yellow, orange-edged cup	4	40

DOUBLE NARCISSUS.

		Each	Doz.
Alba plena odorata. Pure white; sweet scented	100, $1.50	$0 03	$0 25
Von Sion. Double-nosed bulbs; large; golden yellow	per 100, $3	5	50
Orange Phœnix. White, orange center		6	75
Sulphur Phœnix. Large, pure white flower		10	1 00

POLYANTHUS NARCISSUS.

	Each	Doz.
Gloriosa. Pure white, orange cup	$0 05	$0 50
Grand Monarch. Large white, citron cup	5	50
Grand Soliel d'Or. Yellow and orange	5	50
Staten General. Pure white	5	50
Double Roman. Double white, orange center	5	50
Paper-white grandiflora. Large trusses, pure white flowers per 100, $2	4	40

JONQUILS.

	Each	Doz.	100
Single. Sweet scented	$0 02	$0 15	$0 75
Double. Golden yellow	5	50	3 00
Campernelle. Yellow flowers	2	20	1 00

CHINESE SACRED LILY, or ORIENTAL NARCISSUS.

The sacred flower of the Chinese. Can be grown in pots or moss, but are principally grown in bowls that are filled with pebbles and water. Flowers in clusters; silvery white, with yellow cup; sweet scented. 10 cts. each, $1 per doz., $7.50 per 100; by mail, 5 cts. each.

CROCUS.

One of the earliest spring-blooming flowers; they produce fine effects if planted promiscuously throughout the lawn; also if planted in rows of the various colors in borders. They also do well if grown in pots indoors, especially the Mamm. th Yellow sort.

Mammoth Yellow. 20 cts per doz., 90 cts. per 100.

Large White, Purple, Yellow and **Striped.** Separate or Mixed. 15 cts. per doz., 75 cts. per 100, $6 per 1,000.

Mixed White, Purple, Yellow and **Striped.** Separate or Mixed. 10 cts, per doz., 50 cts. per 100, $4 per 1,000.

Mammoth Yellow Crocus.

COLCHICUM AUTUMNALE.

(Meadow Saffron.)

Flowers in the fall, and produces its leaves in the spring; flowers comprise shades of white, purple, rose and striped. 5 cts. each, 50 cts. per doz.

CALLA LILIES AND ARUMS.

Calla Æthiopica. One of the most satisfactory and easy-growing bulbs for pot culture; it requires but little attention, and blooms in about 6 weeks after planting.

	Each	Doz.
Mammoth size	$0 25	$2 50
Medium size	15	1 50
Small size	10	1 00

Callas, Little Gem and Æthiopica.

Spotted-leaved Calla. Resembles the preceding, only that the leaves are beautifully spotted with white, making it very ornamental. 10 cts. each, $1 per doz.

Little Gem Calla. A miniature form; flowers barely half the size of the ordinary sort, and produced freely. 10 ea, $1 per doz.

Yellow Calla. Except in color, it does not differ from the old variety; flowers light yellow, rare and beautiful. 35 cts. each, $4 per doz.

Black Calla (*Arum sanctum*). Flowers the shape of the Calla, but rich, dark purple in color, and green underneath. 15 cts. each, $1.50 per doz.

Red Calla (*Arum cornutum*). Flowers red, spotted with black; foliage palm-shaped, mottled green and white. 10 cts. each, $1 per doz.

FREESIA.

Very desirable for pot-culture in the house and conservatory; by early planting they can be had in bloom by Christmas, and in succession throughout the winter.

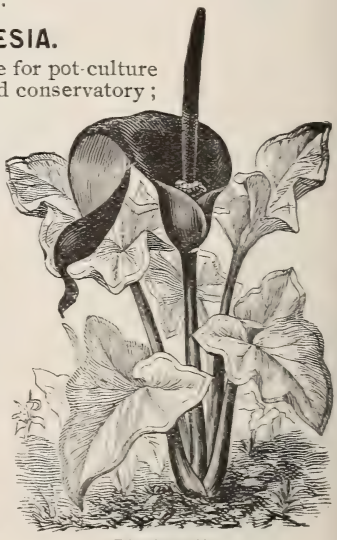
Refracta alba. Flowers pure white, with yellow blotched throat; very fragrant. Mammoth size, 3 cts. each, 20 cts. per doz., $1.25 per 100.

Leichtlinii major. Large yellow flowers, with orange blotches; sweet scented. 4 cts. each, 40 cts. per doz., $2 per 100.

DICENTRA.

(Bleeding-Heart.)

A hardy garden-plant, but can be forced to perfection; flowers in long racemes; heart-shaped; pink and white in color. 15c. each, $1.50 per doz.



Black Calla.

RANUNCULUS.

These flowers are very showy and pleasing, ranging through shades of crimson, white, yellow and purple, and many variegations. They flower profusely in pots or in frames in the spring.

French, Turban and **Persian.** 2 cts. each, 20 cts. per doz , $1 per 100.

CYCLAMEN GIGANTEUM.

Finely adapted for pot-culture in the house and conservatory ; handsome in leaf as well as in flower. They bloom freely, and continue flowering for a long time. Flowers large and some of them fragrant.

Rose, Dark Crimson, and **White.** Each or assorted, 15 cts. each, $1.50 per doz.

Cyclamen giganteum.

ALLIUMS.

Excellent for pot-culture and also for the garden, with a little protection during the winter ; of easy culture.

Aureum (Golden Allium). Clusters of large, golden yellow flowers. 3 cts. each, 25 cts. per doz., $1.50 per 100.

Azureum. Deep azure-blue, borne in large umbels. 8 cts. each, 75 cts. per doz.

Neapolitanum. Very large, loose umbels ; pure white, with green stamens. 3 cts. each, 25 cts. per doz., $1.50 per 100.

Hermettii grandiflorum. Flowers large and pure white ; blooms for a long time. 3 cts. each, 25 cts. per doz., $1.50 per 100.

BABIANAS.

Handsome, various-colored little flowers with hairy leaves ; their colors vary from rich carmine to bright blue. Plant 5 or 6 bulbs in a 5-inch pot ; not hardy. 5 cts. each, 50 cts. per doz., $3.50 per 100.

Allium.

BRODIÆA COCCINEA.

(Crimson Fire-Cracker.)

Small tubular flowers, borne in umbels ; flowers crimson, tipped green ; easily forced, and can be planted out in spring. 5 cts. each, 50 cts. per doz.

"GARDEN MAKING," with full directions and copious illustrations. Postpaid, $1.

CHIONODOXA (Glory-of-the-Snow).

Exquisite, very early spring flowers, their blossoms sometimes appearing while the snow is yet on the ground. Also fine for pot-culture indoors.

Chionodoxa Lucillæ.

Lucillæ. Bright blue, with large, white center. 3c. ea., 25c. per doz., $1.25 per 100.

ERYTHRONIUM.

(Dog's-tooth Violet.)

Perfectly hardy, and effective for massing in moist and partially shaded places.

Mixed varieties. 3c. each, 25c. per doz.

SNOWDROPS.

Earliest spring flower; thrives anywhere. Plant as early as the bulbs can be had; fine for masses or in the lawn.

Single Snowdrops. 2 cts. each, 15 cts. per doz., 90 cts. per 100.

Double Snowdrops. 3 cts. each, 30c. per doz., $2 per 100.

Giant Snowdrops. Flowers three times the size of the common sort; flowers marked with green; sweet-scented. 2 cts. each, 15 cts. per doz., 90 cts. per 100.

SPRING SNOWFLAKE.

One of the earliest of spring flowers, and larger than snowdrops. Well adapted for growing in clumps in partially shaded places in rockwork or borders; can also be forced. Flowers white, tipped green; fragrant. 3 cts. each, 30 cts. per doz., $1.50 per 100.

IXIA.

A small winter-flowering bulb of great beauty; flowers pink, rose, crimson, yellow, orange, cream-colored, white and variegated; their small flower spikes are produced freely. Plant 10 to 12 bulblets in a 6-inch pot and set in the dark until started 2 cts. each, 20 cts. per doz., $1 per 100.

LACHENALIA.

(Cape Cowslips.)

Tender little bulbs, producing numerous pendulous flowers, scarlet and green or yellow and green; planted early, they can be had in bloom by Christmas. Mixed. 10 cts. each, $1 per doz.

Ixias.

Oxalis Buttercup.

ORNITHOGALUM (Star of Bethlehem).

For house and garden culture. For outdoors they must be planted in spring. The flowers are large, pure white, with a black center, borne on stems 1½ feet high. 5 cts. each, 50 cts. per doz., $3 per 100.

OXALIS.

Of great value for winter blooming in the house or conservatory, for pots or hanging baskets. Plant from 6 to 12 bulbs in a pot, using pots to suit the size of the bulblets.

Buttercup. Very strong-growing sort, 1 or 2 bulbs being enough for a 6-inch pot; very profuse bloomer; flowers bright yellow. 3 cts. each, 20 cts. per doz., $1.25 per 100.

Bowiei, rosy crimson; **Lutea,** yellow; **Rosea,** pink; **Lobata,** golden yellow; **Versicolor,** crimson and white; **Alba,** white and double yellow. Separate or mixed, 2 cts. each, 20 cts. per doz., $1.25 per 100.

PUSCHKINIA.

Hardy bulbous plant; flowers pure white, with a light blue stripe down the center of the petals. Forces well, but must be grown cool and slowly. 3 cts. each, 30 cts. per doz.

SCILLA.

Desirable both for the open border and house-culture.

Scillas.

Sibirica. Flowers intense blue; they bloom with the crocus and snowdrop, and, planted with them, make a nice contrast. When grown in the honse, they can be had in bloom by Christmas. 2 cts. each, 15 cts. per doz., $1 per 100.

Bifolia. Flowers bright blue. 3 cts. each, 20 cts. per doz., $1.25 per 100.

Campanulata. (Two varieties.) Flowers white and blue, borne on spikes 1 to 1½ feet high; flowers large and drooping. 3c. each, 25c. per doz.

Clusii (Cuban Lily). Not hardy. Ultramarine blue flowers, borne in pyramidal spikes, blooms late and lasts long. 10 cts. each, $1 per doz.

SPARAXIS.

Like Ixias, but larger flowers; the flowers are in many shades and combinations of color; treat like Ixias. 2 cts. each, 20 cts. per doz., $1.25 per 100.

TRITELEIA.

(Spring Star Flower.)

Suitable for pots or borders; flowers star-shaped, 2 inches across and of a beautiful, sky-blue color. 2 cts. each, 20 cts. per doz., $1.25 per 100.

TRITONIA.

Allied to Sparaxis and Ixias; plant 5 or 6 bulbs in a 5-inch pot and set in a cool and dark place until well established. Mixed colors. 3 cents each, 30 cents per dozen.

Sparaxis.

SPRING COLCHICUM.

(Meadow Saffron.)

Blooms earlier than the crocus. Flowers rosy purple; adapted for clumps or borders. 3 cts. each, 30 cts. per doz.

ANEMONES.

Most beautiful and many colored flowers. Excellent for pot-culture, and also for outdoors with a little protection; they continue in bloom for a long time.

Single Poppy-flowered. Large saucer-shaped flowers. Mixed colors, 3 cts. each, 30 cts. per doz., $1.50 per 100.

Double Poppy-flowered. Flowers very gorgeous and rich in coloring, and fine for cutting. 4 cts. each, 35 cts. per doz., $2 per 100.

Fulgens. Flowers intense, dazzling scarlet; very handsome; splendid for pots, and very hardy. 3 cts. each, 30 cts. per doz., $1.50 per 100.

Appennina. Beautiful blue and white flowers; profuse bloomers. 3 cts. each, 30 cts. per doz., $1.50 per 100.

Anemones.

Anemone Hepatica. Fine flowering variety; large, sky-blue flowers. 15 cts. per doz., $1.50 per 100.

Crown Imperial.

CROWN IMPERIALS.

Stately spring flower, in hardy plants, bearing umbels of pendent bell-shaped flowers, surmounted with a crown of leaves. Red and yellow, mixed colors. 15 cts. each, $1.50 per doz.

FRITILLARIA MELEAGRIS.

(Guinea-hen Flower.)

Flowers white, yellow, purple, striped and splashed, checkered and bell shaped. 5c. each, 50 cts. per doz.

IRIS (Fleur-de-Lis).

Among the most charming and desirable of plants. They are principally adapted for garden culture, but some of them are fine for forcing.

☞ Of the following varieties, those marked thus (*) will not be ready until late in October or early in November.

SPANISH IRIS.

The colors in this class are very fine, ranging from golden yellow to dark brown and bronze, and from light blue and pure white to dark blue and purple; flowers last a long time and are elegant for pot-culture; require protection for outdoors. **British Queen,** white; **Count of Nassau,** blue; **Philomela,** light blue. Each variety, 3 cts. each, 25 cts. per doz., $1.50 per 100.

Spanish, mixed. 2 cts. each, 15 cts. per doz., $1 per 100.

ENGLISH IRIS.

Of various colors—blue, white, lavender, crimson and yellow; perfectly hardy. Mixed, 2 cts. each, 15 cts. per doz.

Mont Blanc. Pure white; fine variety. 3 cts. each, 25 cts. per doz.

German Iris.

Peacock. Small, pure white flowers, with a bright blue spot on the petals; fine for pots. 5 cts. each, 50c. per doz.

***German.** Hardy, and will grow anywhere; loves moist places; very floriferous and fragrant; ranges through many shades of colors. Mixed, 5 cts. each, 50 cts. per doz.

Susiana (Mourning Iris). Large blue flowers, tinted brown. 20 cts. each, $2 per doz.

Alata (Scorpion Iris). Flowers very large, lilac-blue, with blotches of light yellow; a very handsome, choice variety. 10 cts. each, $1 per doz.

Histrio. Light blue, blotched with yellow. 20 cts. each, $2 per doz.

Lorteti. Flowers creamy white, with small, crimson-purple blotches. 25 cts. each, $2.75 per doz.

*IRIS KÆMPFERI (Japan Iris).

A most valuable acquisition to the garden. They are hardy, and love moist situations; flowers of enormous size, ranging through endless combinations of color. Price for all the following sorts, 20 cts. each, set of 10 $1.75, $15 per 100.

1 **Meirani.** White, maroon-variegated; 3 perianths.

2 **Yezonishhiki.** Maroon, stained with lighter color.

3 **Date-dogu.** Light purple, with 3 perianths.

4 **Ho-o-jo.** Large maroon flower; 6 perianths.

5 **Kumoma-no-sora.** Large white flower; 6 perianths.

6 **Iso-no-nami.** Blue variegation on white ground; large flower; 6 perianths.

7 **Shishi-ikari.** Maroon; 6 large perianths.

8 **Shippo.** Large blue flowers; 6 perianths.

9 **Oshokun.** Large violet; 6 perianths.

10 **Gei-sho-ui.** Light maroon; 6 perianths.

Iris Kæmpferi.

AMARYLLIS.

Remarkably handsome flowers, which last for a long time. They grow best in pots of well drained, rich, sandy loam, and need but little water until they show flower-buds. Will repay cultivation.

Amaryllis Formosissima.

Belladonna major. Flower of remarkable beauty; large, white, delicately shaded with pink or light purple. 15 cts. each, $1.50 per doz.

***Formosissima** (Jacobæan Lily). Brilliant crimson flowers. This variety can be grown in water like the hyacinth; will also bloom outdoors if planted in the spring. 15 cts. each, $1.50 per doz.

***Johnsoni** (Barbadoes Spice Lily). Flowers dark crimson, with a white stripe down the center of each petal; each bulb throws up from 3 to 4 spikes. 25 cts. each, $2.50 per doz.

Vittata Hybrids. Striped, flaked and feathered. Seedlings, containing some fine new varieties, 40 cts. each, $4.50 per doz.

Varieties prefixed with a star (*) will not be ready until late October.

Agapanthus.

* ERANTHUS HYEMALIS.

(Winter Aconite.)

Very pretty little yellow flowers, blooming at the same time as the snowdrop. 3 cts. each, 25 cts. per doz.

* STERNBERGIA LUTEA.

(Lily-of-the-Field.)

Produces large, yellow flowers in the fall. Requires a little protection. 3 cts. each, 30 cts. per doz.

* AGAPANTHUS.

(African Lily.)

Very fine and effective plants for display in tubs, pots, vases, or the conservatory. The plant produces a dozen or more of tall spikes crowned with very large clusters of light blue flowers. 15 cts. each, $1.50 per doz.

* ALSTRÖMERIA.

(Peruvian Lily.)

Splendid for pot culture; large, lily-like flowers in crimson, yellow, rose and purple; borne in clusters. Mixed sorts, 10 cts. each, $1 per doz.

* GLOXINIAS.

Excellent for house culture. Place the bulbs in a 3-inch pot, and shift to a larger one as required. The plant loves warmth and moisture, but the leaves should never be wet; they bloom for months. Choice mixed, 10 cts. each, $1 per doz.

Varieties prefixed with a star (*) will not be ready until late October.

Gloxinia.

*SCHIZOSTYLIS.

(Kaffir Lily.)

Flowers borne on tall spikes and rosy scarlet in color. Plant outdoors in sprin, and in the fall remove to pots in the house, when they will bloom for a long time. 4c. each, 3cc. per doz.

*PÆONIA.

One of the very best of hardy garden plants; once planted, you have them for all time; they should have deep, rich soil.

New Japanese. These beautiful new varieties should be in every collection.

Kochomai. Dark red, yellow filamented petals in the center.

Someganoka. Carmine, central filamented parts striped carmine and white.

Pæonia.

Hinodesekai. Crimson, central part tipped with yellow.

Kame-No-Kegoromo. Rose, central filamental part yellow.

PRICE, 40 cts. each; set of four, $1 50; $4.50 per doz.

STANDARD VARIETIES—Double Scarlet, White and Pink. 15 cts. each, $1.50 per doz.

Spiræa Japonica.

*GLADIOLUS.

The Bride. Valuable for growing in winter in pots; pure white. 3 cts. each, 25 cts. per doz., $1.50 per 100.

*SPIRÆA.

Perfectly hardy, but are used principally for forcing; the flowers are borne in large pyramidal, feathery panicles of white, and last for a long time.

Japonica. The variety principally grown. Clumps, 10 cts. each, $1 per doz., $6 per 100.

Floribunda. More dwarf and earlier than the preceding, with larger panicles. 12 cts. each, $1.25 per doz., $8 per 100.

Aurea reticulata. Flowers in large clusters; the green foliage is beautifully veined with yellow. 15 cts. each, $1.50 per doz.

Nana compacta multiflora. Very compact in growth, with long panicles. 15 cts. each, $1.50 per doz.

*LILY-OF-THE-VALLEY.

In the garden these should be planted in masses in partially shaded, and, where possible, moist places. Plant the single pips about 4 inches apart; they will soon increase and spread into one mass. For the house, plant 5 or 6 in a 4-inch pot; keep in a cool place until ready to bring to the light.

Lily-of-the-Valley.

Extra Strong Pips. Per bundle of 25, 50 cts., $1.75 per 100, $14 per 1,000.

Clumps. For open ground. 25 cts. each, $2.50 per doz.

Giant Lily-of-the-Valley. Only adapted for the open ground; produces spikes of flowers double the size of the ordinary. 5 cts. each, 50 cts. per doz., $3 per 100.

LILIES.

For elegance of form and beauty, the Lily is matchless amongst flowers. The majority require little care after being once established; plant them in well-drained soil, about 6 inches below the surface, with no manure in contact with the bulb; mulch the bed both summer and winter as a protection against both extreme heat and cold. Such varieties as are adapted for pot-culture require cool temperature when growing.

Harrisii (Bermuda Easter Lily). Flowers large, pure white and trumpet-shaped; for early flowers the bulbs should be planted in August.

	Ins. in circumference.	Each	Doz.	100
Bulbs	5 x 7 . . .	$0 10	$1 00	$7 50
	7 x 9	15	1 50	11 50
	9 x 11	30	3 00	24 00

Candidum (Annunciation Lily). Snow-white, fragrant blossoms. Select bulbs, 10 cts. each, $1 per doz., $6 per 100.

☞ **Lilium Harrisii and Candidum ready now. All the others marked with a star (*) in the latter part of October.**

LILIES, continued.

***Auratum** (The Golden-banded Lily). One of the finest in existence. The flowers are borne in numbers, from 6 to a dozen on stems 3 to 4 feet high; flowers ivory-white, with central band of yellow, and with nmerous purple spots. Bulbs, 9 x 11 inches circumference, 15 cts. each, $1.50 per doz., $9.50 per 100.

***Auratum virginale alba.** Large flower; white, with yellow band in the center of each petal, and studded with white spots. 40 cts. each, $4.50 per doz.

***Auratum platyphyllum,** or **Macranthum.** The most showy of all; flowers 12 inches in diameter, studded with rich, chocolate-crimson spots on ivory-white ground, with pale yellow ray-bands. 20 cts. each, $2.25 per doz.

***Auratum rubrum vittatum.** Its purplish crimson band in middle of petal is so broadly stained that it looks as if it is a colored petal margined with white. 50 cts. each, $5 per doz.

Lilium Auratum.

***Auratum Wittei.** Flowers white, with yellow bands without spots; large and fragrant. 50 cts. each, $5 per doz.

***Brownii.** Light cream within, with beautiful purplish color outside; trumpet form; showy and fragrant. 30 cts. each, $3 per doz.

***Batemanniæ.** Flower orange-red; erect; very fine. 10c. ea., $1 per doz.

***Speciosum rubrum.** White, shaded with deep rose and spotted red. Bulbs, 9 x 11 inches circumference, 12 cts. each, $1.25 per doz., $8.50 per 100.

***Speciosum album.** Pure white, extra fine. Bulbs, 9 x 11 inches circumference, 15 cts. each, $1.50 per doz., $9 50 per 100.

***Melpomene.** Flowers white, heavily suffused with dark crimson. 12 cts. each, $1.25 per doz., $8.50 per 100.

***Krameri.** Light pink flowers, very fragrant, distinct and beautiful. Large bulbs, 15 cts. each, $1.50 per doz.

***Longiflorum.** Large, pure white, trumpet-shaped flowers; fine for forcing; resembling Harrisii, but later.

Bulbs, 5 x 7 inches circumference, 5 cts. each, 50 cts. per doz., $3.50 per 100.
Bulbs, 9 x 10 inches circumference, 20 cts. each, $2.25 per doz.

***Double Tiger.** Double flowers; orange, spotted black. 10c. ea., $1 per doz.

***Elegans atropurpureum.** Flowers blood-red; erect. 15c ea., $1.50 per doz.

***Elegans, Semi-double.** Crimson petals; center of flower has fringed petals tipped white. 10 cts. each, $1 per doz.

***Callosum.** Lovely scarlet drooping Lily. 15 cts. each, $1.50 per doz.

Carnation.

Gloxinia.

Abutilon.

Flower Seeds.

SUITABLE FOR FALL SOWING IN CONSERVATORIES AND OUTDOORS.

	Pkt.
Abutilon. Mixed	$0 15
Alyssum	05
Antirrhinum. Tall and dwarf	05
Aquilegia	05
Aralia Sieboldii	15
Asparagus plumosus nanus	25
Auricula. Finest mixed	10
Begonia. Single tuberous	25
" Double tuberous	50
Calceolaria grandiflora	25
Calliopsis	05
Candytuft	05
Canterberry Bells. All kinds	05
Carnation Marguerite	10
Centaurea gymnoarpa	10
" **candidissima**	10
Cineraria grandiflora	25
Cobæa scandens	10
Coleus. Mixed	25
Cowslips. Mixed	10
Cyclamen giganteum. Separate.	25
" " Mixed	25
Daisy. Double mixed	10
" **Snowball**	25
Daisy, Longfellow	$0 25
Ferns. Mixed	10
Gloxinia	25
Grevillea robusta	10
Heliotrope	05
Hollyhock. Best double; separate	10
" Mixed	10
Lantana	10
Lobelia compacta	10
Maurandia	10
Mignonette, Machet	10
" **Defiance**	10
Myosotis	10
Pansy. Superb mixed	25
" Choice mixed	10
Pentstemon	10
Primula Japonica	10
" **sinensis.** All sorts	25
Pyrethrum aureum	05
Petunia, Giant of California	25
Smilax	10
Sweet Peas. All sorts	05
Sweet William	05
Torenia	10
Viola odorata	10

☞ **For a complete list of Flower and Vegetable Seeds, see our Spring Catalogue. Mailed on application.**

MUSHROOM SPAWN.

Best English Milltrack, just received. 15 cts. per lb., 25 cts. per 2 lbs.

INSECTICIDES.

Whale-Oil Soap. For destroying insects on plants. 15 cts. per lb.

Extract of Tobacco. Used as a vapor. 30 cents per pt., 50 cts per qt., $1.50 per gal.

Tobacco Dust. Cheap and effective. 10 cts. per lb., 5 lbs. for 30 cts., 10 lbs. for 50 cts.

Lemon Oil. Dilute and apply with syringe. 25 cts per ½pt., 40 cts. per pt.

Tobacco Soap. Potent for insects, parasites, and their eggs. 40 cts. per lb.

Nikoteen. Use as a vapor. $1.50 per pt.

Tobacco Stems. $2 per bale of 300 lbs.

MISCELLANEOUS SUPPLIES.

Bamboo Canes. Much used for plant stakes. $1 per 100, $7 50 per 1,000.

Flower Pots. All sizes. See General Catalogue.

Mastica. A valuable substitute for putty. $1.25 per gal.

Mastica Machine. For applying Mastica. $ each.

Glazing Points, Van Reyper's. The best. 60 cts. per 100; 75 cts. by mail.

Labels. Best painted. 4, 5, 6, 8 and 10-inch. 15, 20, 25, 35 and 50 cts. per 100; 90 cts., $1.10, $1.25, $2.50 and $4 per 1,000. 3½-inch tree, copper wired, 25 cts. per 100, $1.75 per 1,000.

Pencils, Wolf's indelible. 10 cts. each.

Peat. $1.50 per barrel.

Orchard Peat. Best fibrous. $3.50 per barrel.

Raffia. Fine tying material. 25 cts. per lb.

Eureka Fumigators. ½ peck, 1 peck, ½ bus., and ¾ bus. $1.50, $2, $2.50, $3.

Syringes. Brass. 3 sprays, 18 inch length, 1½ inch diameter. $4.50.

Rubber Plant Sprinkler. $1; by mail, $1.10.

Rubber Putty Distributor. $1; by mail, $1.10.

Pruning Knives. Saynor's best. $1.25.

Budding Knives. Saynor's best. $1.50.

Sphagnum Moss. $1.25 per barrel.

Watering Pots. Galvanized, 6, 8, and 10 quarts. $1.75, $2.10 and $2.30.

Thermometers. Self registering, registers both heat and cold, $2.50.
" Hotbed, $1.60. Ordinary, 25 cts.

Plant Tubs. 12, 15, 18, 21 and 24-inch diameter. $1, $1.50, $2, $2.50 and $3.

Jadoo Fibre. Superior to earth for growing bulbs in. If you are starting a few bulbs in the house or conservatory, do not fail to try it. 5 lbs. for 30 cts., 10 lbs. for 50 cts, 25 lbs. for $1.10, 100 lbs for $3.

GARDEN-MAKING, WITH COPIOUS ILLUSTRATIONS, POSTPAID, $1.

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SEEDS
VEGETABLE
FLOWER
BULBS
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